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NORWALK

REFRIGERATING PLANT

*For
Household
Service*





Norwalk Refrigerating Plant

For Household Service

A Complete, Economical and Permanent Solution
of the Home Refrigeration Problem



PROVIDING as it does the ideal combination of reliability, cleanliness, economy and simplicity, the Norwalk Refrigerating Plant quickly demonstrates its exceptional value for household service. The attributes mentioned strongly feature Norwalk Refrigerating Plants of all capacities, for all uses, but are most impressive in the home—where each detail of efficiency becomes a factor in the daily lives of the users.

The Norwalk Refrigerating Plant does away entirely with the uncertainty, bother and risk of ordinary refrigeration. It eliminates the erratic iceman and his diminutive cake of unclean ice, and places household refrigeration on a basis of complete and lasting satisfaction.

The Norwalk is adaptable to the refrigerating needs of any home. It can be operated with perfect success by any housewife. A turn of a simple valve, working on the same principle as a faucet over a basin, performs the double duty of opening the water line to the refrigerating plant and completing the electric circuit to put the plant in operation. This is a valuable safeguard, as it insures that the water line will always be opened preparatory to the starting of the machine.

By this convenient means perfect refrigeration—dry, sanitary, reliable and economical—is made at once available. Another turn of the valve closes the water line and stops the Norwalk plant when the desired results have been obtained.



No other attention is needed on the part of the operator. There is no tinkering to be done and no adjustments are called for. Basic correctness of design makes the Norwalk Plant troubleproof and high-quality materials and workmanship keep it that way.

The Norwalk system proves itself so thoroughly under all tests, and makes perfect refrigerating satisfaction so easily obtainable, that it is the immediate choice of the homeowners who investigate it. It is the complete and final answer to the home refrigeration problem.

RELIABILITY

Norwalk interpretation of the term "Reliability" is just this—*instant readiness to give the full specified results whenever called for*. That is the guarantee you get with a Norwalk Refrigerating Plant, and reams of printed matter could not give you a stronger one. It protects you absolutely.

Our engineers designed the Norwalk Refrigerating Plant to take all of the guesswork, intricacy and unnecessary expense out of mechanical refrigeration—and the Norwalk was not placed on the market until they were successful. Every existing refrigerating problem was faced and solved—not dodged. The work of development covered years. It was costly and tedious, but when finished it gave the Norwalk Refrigerating Plant a place in the market all its own.

It is noteworthy, by the way, that the Norwalk has behind it not only our long refrigerating research and painstaking engineering development, but also our forty years of continuous experience in the manufacture of high-quality air and gas compressors. It is the product of an organization accustomed to the best manufacturing standards.

CLEANLINESS

Nothing exceeds in importance the factor of constant cleanliness in the household, so the sanitary advantages

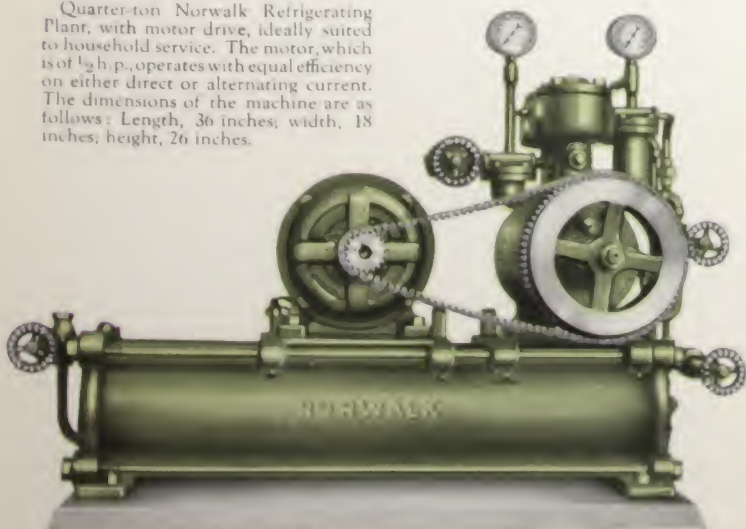
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of the Norwalk Refrigerating Plant are of direct and vital interest to the housewife and homeowner.

Norwalk refrigeration is always dry and clean. The whole icebox remains spotless and sanitary. There is no mold anywhere such as results from the damp refrigeration of ice. There is no dripping water, no rusting of the icebox interior, no wet and rotting floor beneath the box, no residue of sawdust, salt hay and other unclean foreign substances in the ice chamber—no mud or dust to be mopped from the kitchen floor after a careless iceman has carried his dripping cake across it and left his tracks.

Instead of the cake of ice which used to occupy the actual refrigeration chamber in the icebox there is a combination of the Norwalk refrigerating coil and brine tank—neat, compact and perfectly sanitary. Through them the refrigeration is supplied by the Norwalk Plant whenever needed. They not only eliminate all of the

Quarter-ton Norwalk Refrigerating Plant, with motor drive, ideally suited to household service. The motor, which is of $\frac{1}{2}$ h.p., operates with equal efficiency on either direct or alternating current. The dimensions of the machine are as follows: Length, 36 inches; width, 18 inches; height, 26 inches.





bother and risk incidental to the old-fashioned ice cake—but give better refrigeration, more effective in every way.

ICE-MAKING

Norwalk cleanliness in ice-making is an additional advantage. A pan with cube compartments filled with water can be placed in the Norwalk coil compartment (the chamber formerly used for ice), and in a short time the water will be frozen into solid, handy, sanitary cubes of ice—for table use with butter, salads, ice-water, etc., etc. Being perfectly clean and pure, these ice cubes do away with the annoyance and the risk of infection which is always present with ordinary ice.

Ice-making is just an incidental part of the general Norwalk refrigerating efficiency. It costs nothing extra. It is always available. It is convenient and safe.

PLANT IN BASEMENT

The ideal method of installing the Norwalk Refrigerating Plant for household service, and the method usually employed, is to place the plant itself in the basement and run two small pipes up to the icebox on the floor above. Thus there is no mechanism to be seen in connection with the icebox, the only evidence of the Norwalk system being the neat wall switch which is turned on or off in keeping with refrigeration needs.

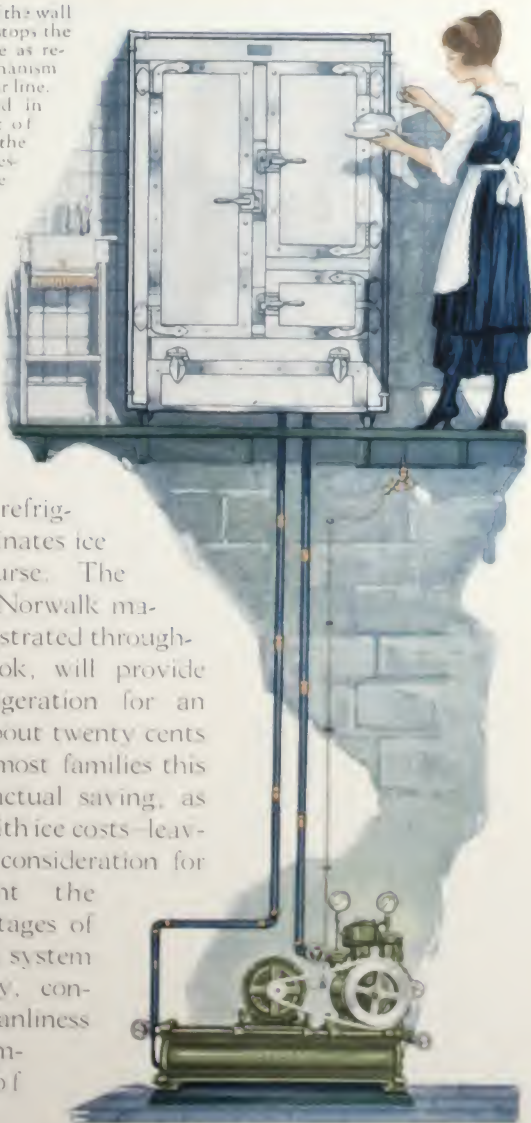
By this arrangement the Norwalk Plant is simply installed and, so far as mechanical attention is concerned, forgotten. It is entirely out of sight. *But the distinctive Norwalk refrigerating efficiency is always in evidence.*

ECONOMY

Norwalk economy results not only from continuous, day-to-day efficiency, but also from the sound designing and high-grade materials which make the Plant's reliability *permanent*. The purchase of a Norwalk Refrigerating Plant is an investment which guarantees long years of time-and-money-saving service.

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Just the turning of the wall switch starts and stops the Norwalk machine as required. No mechanism appears above floor line. Machine is placed in basement out of sight and out of the way, and the necessary current can be taken from an ordinary electric bulb socket.



Norwalk refrigeration eliminates ice bills, of course. The quarter-ton Norwalk machine, as illustrated throughout this book, will provide ample refrigeration for an outlay of about twenty cents a day. In most families this will be an actual saving, as compared with ice costs—leaving out of consideration for the moment the vast advantages of the Norwalk system in reliability, convenience, cleanliness and the elimination of

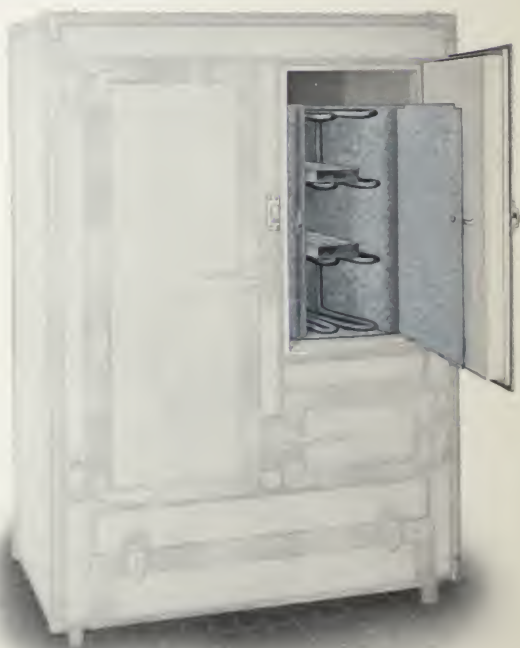
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Illustration shows neat, compact and accessible arrangement of Norwalk brine tank and refrigerating coils in the icebox. Resting on the coils are pans in which ice cubes are frozen as needed for household use.

The three standard sizes of Norwalk brine tanks and coils are as follows:

	Width	Height	Depth
A	11 $\frac{1}{4}$ in.	16 in.	14 $\frac{1}{2}$ in.
B	14 $\frac{1}{2}$ "	24 $\frac{3}{8}$ in.	19 $\frac{1}{2}$ "
C	16 $\frac{1}{4}$ "	36 in.	22 $\frac{1}{2}$ "

These sizes meet all standard requirements, but where special dimensions are needed for any reason the brine tank and coils can be readily adapted to them.



annoyance and anxiety. What those features are worth each housewife can readily gauge for herself.

The protection given the icebox itself is an important economy factor. The battering of the ice chamber due to dropping in heavy cakes of ice, the breaking of hinges, top cover or doors by careless icemen, and the rusting of the box interior because of damp refrigeration are all done away with by the Norwalk Refrigerating Plant. Thus the box remains in perfect condition.

The ammonia supply for the Norwalk plant is replenished not oftener than once a year, and ordinarily at about eighteen-month intervals. Grease is placed in the crankcase on the same time basis. The ammonia can be replenished when needed at a cost not exceeding five dollars.

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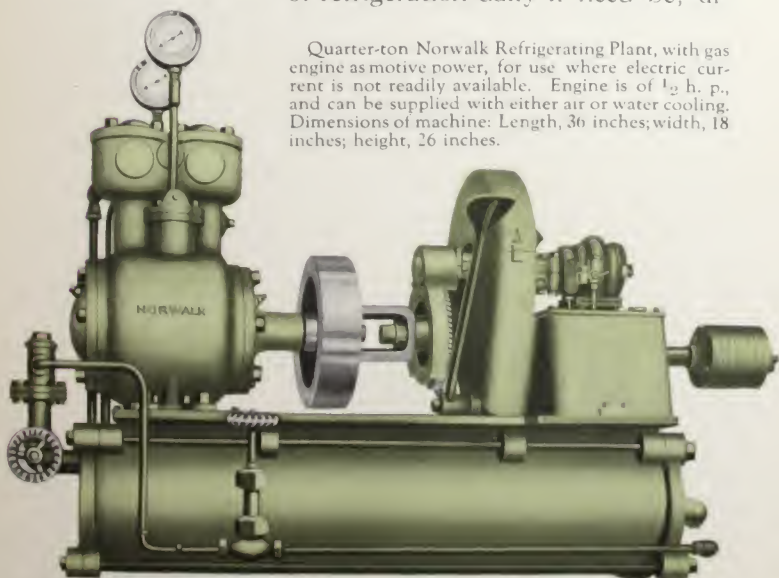
FOOD SAVING

Food economy also results from the Norwalk system. Norwalk readiness and reliability save much food weekly which would have to be discarded if the housewife were dependent on the damp and uncertain refrigeration derived from ice. Under the old conditions iceboxes were frequently without ice for the better part of a day, while the anxious housewife awaited the arrival of the weary and indifferent iceman. Food loss accordingly ran high. No such waste can occur when a Norwalk Plant is installed because proper refrigeration is always immediately at hand.

NORWALK ADAPTABILITY

The service scope of the Norwalk quarter-ton, or household, Refrigerating Plant is one of its distinctive points. It is capable of giving as high as 500 pounds of refrigeration daily if need be, al-

Quarter-ton Norwalk Refrigerating Plant, with gas engine as motive power, for use where electric current is not readily available. Engine is of $\frac{1}{2}$ h. p., and can be supplied with either air or water cooling. Dimensions of machine: Length, 36 inches; width, 18 inches; height, 26 inches.





though such demand will seldom be made upon it in the ordinary home. Even when not required, this extra margin of serviceability is a most valuable asset inasmuch as it guarantees reliability, smooth running and increased life of all the plant parts. It makes Norwalk efficiency doubly sure.

While the motor-driven type of machine will, of course, be selected wherever electric current is available, the Norwalk Refrigerating Plant is also supplied for use with a gas engine. In outlying districts where gas engines are frequently employed for other forms of service, it is a simple matter to utilize such power for the Norwalk machine also.

Where there appears to be any special problem, or the need of an exceptional kind of refrigeration, due to living conditions, construction of the building or the method of applying operating power—any question bearing upon your individual requirements—our engineers will gladly give their practical advice and co-operation, without obligating you.

The Norwalk Refrigerating Plant is more than a perfected mechanical product—it is a SERVICE. Our interest in the machine you buy, and in your satisfaction, never ends. The Norwalk name protects you at all angles of the transaction—first to last.





THE NORWALK IRON WORKS COMPANY
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